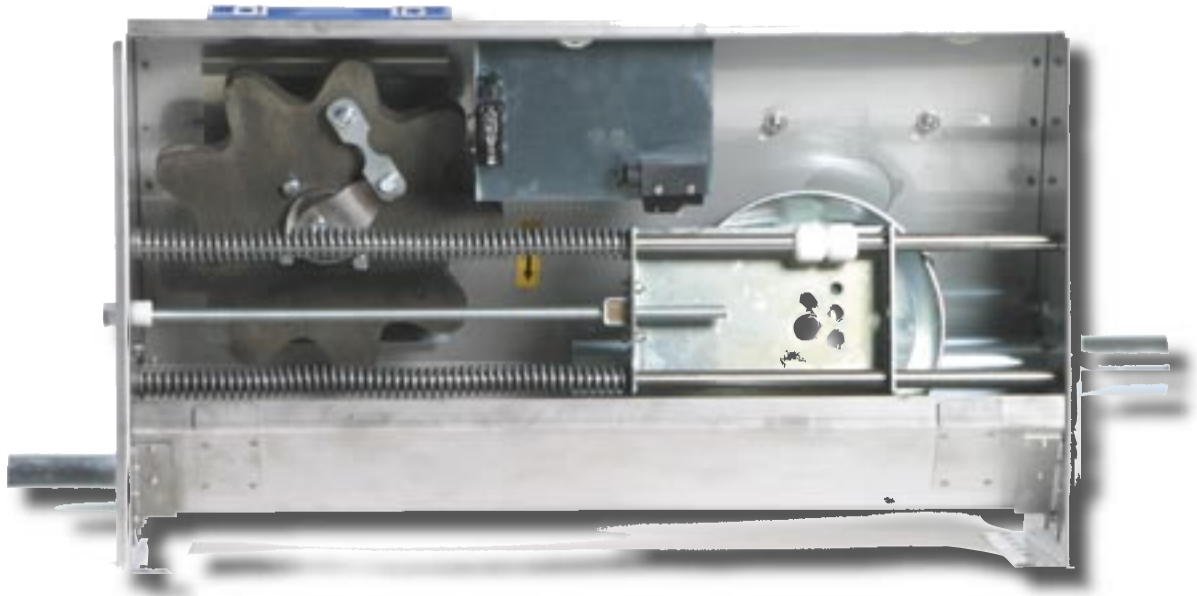


SKIOLD MULTICHAIN®

Transportsystem



**SKIOLD MAKES
THE DIFFERENCE!**

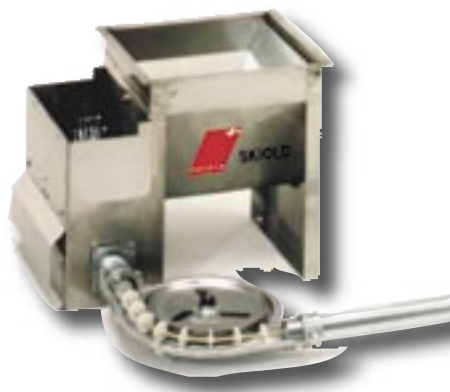


- Chain system 50,8 mm
- Capacities from 400 - 600 kg/hour
- Robust system with a long life expectancy
- 5 yearss warranty against chain-break



MULTICHAIN

components



DRIVE UNIT

The Multichain drive station can be acquired as vertical as well as hanging mounting on floor as well as on wall, so that it can be placed according to the environment. A part from that the Multichain drive station can be turned so the pulling direction is fitted to the conditions. The drive wheel in the MultiChain drive station is produced from special hardened steel, and the chain is pulled with engagement directly on the chain. The drive station is of course equipped with a safety switch, which will turn off the system, should the covers be removed.

HOPPER

The Multichain hopper is manufactured in stainless steel and is therefore suitable for indoor mounting as well as outdoor mounting. It is placed standing freely on the floor or suspended beneath the silo. Accessories can be required such as different sizes of transitions which will ease the

inlet from silo to hopper. The feedtransport itself from the inlet of the hopper into the Transport tube is done by auger dosing, where it is possible to choose different types of auger revolution, depending on the feed type (Meal or Pellets). The risk of clotting in the hopper is minimized because of a vibratorplate installed which by mechanical effect will ensure that the feed does not pack in the inlet. As standard there is always installed a stonetrap. Any foreign body will be sorted from the feed before it is transported into the stables. The hopper is obtainable in two versions; Standard chain driven or motor driven. The motor driven version will reduce the strain on the Multichain chain and gives the option to control the fill-volume of the system. The hopper can also be delivered in a double version for feeding in two different pipelines from the same silo.

MULTICHAIN CHAIN

The Multichain chain is manufactured from special hardened steel, which makes it incredibly resistant to wear and tear. PVC-discs has been founded on each second joint which gives a distance of 92 mm between the discs.

There is 5 years warranty against chain-break!

MULTICHAIN CORNERS

Multichain corners consists of galvanized cornerwheels, mounted with stainless steel axles and non-lubricating, dustproof bearings. The cornercovers is founded in aluminum, which ensures a shapestabil and strong corner. Stainless steel nuts and bolts are used for the assembly, and therefore is the Multichain corner well protected against corrosion from both water and feed.



MULTICHAIN

Control units



The control units for Transpork consists of 3 basic units, which can be combined and expanded with an array of modules. This gives a flexible control unit program, which can be configured individually and hereby meet the demands and needs from each customer. All 3 control units includes alarm for motor overload and wrong chain-tension and a simple and user-friendly frontpanel has been emphasized.

TRANSPORK 0 M

TransPork 0 M can control all types of ad-lib feeding systems as well as systems with volume dispenser, where the feeding is done manually. Combined with a motor driven hopper it can, via a dual-sensor system, empty the system partly from feed and hereby avoid start-up with a full system.

TRANSPORK 1 & 2

TransPork 1 can be connected to a turn-guard, which gives an extra security at motor driven filling. There are se-

parate alarms on the following:

- Thermal power-stop on the drive station or the hopper
- Power failure during feeding
- Wrong chain-tension
- Revolution-guard, which registers velocity deviations on the chain, if the breakpiece breaks e.g.
- Exceeding the set max. runtime.

TransPork 2 can control systems with automatic feed-release. It has a built-in fully automatic runtime-calculator, which is specially suitable for systems with minor differences in the feed consumption at each feeding. With runtime-calculator, the controller learns via a stopsensor, how large a feed volume is needed, and stops the hopper in due time, so that the tubes won't be left full, until the next time the system starts up. Hereby the strain on the system is reduced considerably, and an extra stop-sensor is not needed on the system.



VOLUME DISPENSER

The construction of SKIOLD volume dispenser is very stable, as the tube and the guiding rail is founded in the same piece of durable PVC. The volume dispenser is easy to clean; the wire is taken out of the release arm, and the feed cone is easily "klicked" off the PVC Tube, and you have easy access to inside cleaning and inspection of the dispenser. Adjustment of the feed amount is done via a telescopic tube, which can be handled from outside the dispenser. This can also be remotely adjusted from the inspection gallery in the stable. The asymmetrical bottom cone ensures, that the feed does not clot, and it gives the possibility that the dispensers can be mounted for feeding in double rows. The dispenser is equipped with a shutter, so stopping feed to the empty pens are made easy. The volume dispenser has a bottom-shutterlock which makes it possible to shut off the feeding without dismounting the release wire. The dispenser is prepared for trickle-feeding and phase-feeding.

SKIOLD ALSO DELIVERS:



*Liquid feed systems
ESF Systems
Multiphase feeding
Ventilation Systems
Milling Systems*

*Silo Systems
Feed Dispensers
Sprinkling
Soaking
MultiCleaner robot*

MEASURES ON DRIVE UNIT	
Height	450 mm
Width	940 mm
Depth	400 mm

FACTS VOLUME DISPENSER					
Size (litres)	4	6	8	10	12
Tube dimension (mm)	38	45	50	50,8	60
				63,5	

FACTS CONTROL UNITS:	0M	1	2
Start/stop drive station	x	x	x
Stop at wrong chain tension	x	x	x
Inlet for stop system	x	x	x
Cancelling time for stop system	x	x	x
Max. runtime 0,1 sec. - 24 t.	x	x	x
Outlet for external alarm	x	x	x
Control dual-sensor system	x	x	x
Inlet for revolution-guard		x	x
Alarmed resetbutton on the front		x	x
Run-time calculator			x
Outlet for releasesystem			x
Alarmed for errors on the system	x	x	x



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